

## Re: Question about securelevel

**Source:** <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2004-02/0060.html>

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**From:** Jim Zajkowski ([jim\\_at\\_jimz.net](mailto:jim_at_jimz.net))

**Date:** 02/11/04

Date: Wed, 11 Feb 2004 10:35:07 -0500

To: [freebsd-security@freebsd.org](mailto:freebsd-security@freebsd.org)

On Feb 11, 2004, at 10:24 AM, [roberto@redix.it](mailto:roberto@redix.it) wrote:

> *Yes I agree with you: a secure system should be read-only fs, but to  
> overcome the drawbacks of a CDROM, I can use a standard hardisk with a  
> read-only file system while securelevel==3. The writable file system  
> should be available in single user mode only on console.*

If I figure out how to make your filesystem remount read-write without a reboot, the game is over.

Running off a CD with a server which has a drive which cannot write discs, it doesn't much matter if I figured out how to change the RO mount or not, since the media itself cannot be written to [1]. Defense in depth.

--Jim

[1] I suppose those flash-IDE thingamabobs that have a switch to toggle to read-only work just as well here too.

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[freebsd-security@freebsd.org](mailto:freebsd-security@freebsd.org) mailing list

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